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## C-A OPERATIONS PROCEDURES MANUAL

### 15.5.57 Use of Vacuum Components Washer

(Vacuum Group Procedure VA-008.18.1.57)

Note: This document was formerly a C-A Group Procedure. The content of the group procedure was reviewed by the Technical Supervisor. All approvals and/or issue dates of the original group procedure are maintained for present use.

#### Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: \_\_\_\_\_ *Signature on File* \_\_\_\_\_  
 Collider-Accelerator Department Chairman Date

S. Gill/D. Donahue

Vacuum Group Procedure VA-008.18.1.57  
Original Issue Date: 01/01/00  
Revision 01

**USE OF VACUUM COMPONENTS WASHER  
OPERATING THE HEINICKE 2000 PULSONIC WASHER**

- 1) Load the material to be washed into the washer, being careful to use lint-free white gloves. Be sure to leave some space between the parts being washed.
- 2) Add approx. 1-1/2 tsp. of micro-clean directly into the washer. Close the sliding door all the way.
- 3) Push the tank release plunger, located in the front and directly below the door, all the way in. This closes the machine drain.
- 4) **\*\*\*\*IMPORTANT\*\*\*\*** Close the valve on the grey holding tank located directly to the right of the machine as you face it. **NO WATER MAY BE DISCHARGED INTO THE DRAIN WITHOUT THE APPROVAL OF HEALTH PHYSICS.** If more than one load of cleaning is to be done, use the portable water pump to transfer the water into one of the green 55 gal. holding drums, taking care to mark each barrel with a sample number for H.P.
- 5) Open the house water valves (Nibco Valves), located above and to the right of the machine as you face it. These are on the wall above and behind the machine as you face it.
- 6) Push the red power button on the front of the machine. Water will begin to fill the machine at this time. Check the yellow buttons at this time. Only the red and one yellow button should be on. The yellow button reads (fill).
- 7) When the machine is full, the fill light will go out and the heating light will go on, as well as the manual operations light. **THE MACHINE MUST BE IN MANUAL OPERATIONS MODE.** When the temperature reaches 970 C, the heat light will go out. You are now ready to wash. Press the yellow button marked wash. Manually time the duration of the wash for as long as you wish. Wash time is optional.
- 8) When you want to stop the wash cycle, push the WASH button again, thus stopping the wash cycle. Then press the final rinse button to begin the rinse. The rinse cycle is also manual.
- 9) Being careful to observe the level of the water in the holding tank, continue the rinse cycle until the water level in the grey barrel is 2/3 full. Press the FINAL RINSE button again, thus stopping the cycle. Then press the red power button, turning off the power to the machine. After that, pull the water release knob located directly below the sliding door, releasing the water in the machine into the holding tank.
- 10) Take a water sample with a water sample bottle and submit the sample to the person in the group who is responsible for obtaining water sample results. **THIS IS A MUST; ALL WATER MUST BE CHECKED BY HEALTH PHYSICS. ALWAYS USE LINT-FREE WHITE GLOVES.** After 15 minutes, you may remove the washed pieces to the hot box for drying.

AGS Vacuum Group  
June 25, 1999  
Donahue